

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1180	micro\$1pipe\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 13:46
S2	156379	photoresist	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 18:54
S3	2003411	substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 18:54
S4	108248	trench\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 18:54
S5	2	S1 and S2 and S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 18:57
S6	2	S1 and S2 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 18:57
S7	51	S1 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 19:13
S8	12071	micro\$1channel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 13:54
S9	706086	radiation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 19:18

## EAST Search History

S10	57	(S2 near5 S9) and S3 and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 19:31
S11	1	(S1 or S8) and ((S3 with S4) same S2 same S9)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 19:33
S12	61753	MEM\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 19:33
S13	3	((S3 with S4) same S2 same S9) and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 19:35
S14	190	(S2 near5 S9) and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 21:08
S17	242778	arcuate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 21:31
S18	19882	ioniz\$5 adj radiation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 21:31
S19	64	S2 with S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 21:48
S20	74070	(S1 or S8 or S12)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 21:32
S21	3	S19 and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 21:32

## EAST Search History

S22	109	S2 same S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 21:50
S23	3	S20 and S22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 21:48
S24	5829	microelectromechanical adj system\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 13:54
S25	0	S22 and S24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 21:49
S26	1180	micro\$1pipe\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 13:53
S27	1180	micro\$1pipe\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 13:53
S28	230	micro adj pipe\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 13:53
S29	12071	micro\$1channel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 13:54
S30	8256	micro adj channel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 13:54
S31	5829	microelectromechanical adj system\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 13:55

## EAST Search History

S32	6483	micro adj electro adj mechanical adj system\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 13:56
S33	61753	MEM\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 13:56
S34	2085216	substrate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 13:56
S35	108248	trench\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 13:57
S36	174030	photo\$1resist\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 13:57
S37	24623	photo adj resist\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 13:58
S38	294663	photo\$1sensitive	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 14:00
S39	25456	ion\$5 adj radiation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 14:02
S40	3	(S27 or S28 or S29 or S30 or S31 or S32 or S33) and S34 and S35 and ((S36 or S37 or S38) same S39)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 14:07
S41	242778	arcuate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 14:06

## EAST Search History

S42	1212699	curv\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 14:06
S43	743773	bend\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 14:07
S44	548901	bent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 14:07
S45	706086	radiation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 14:07
S46	141	(S27 or S28 or S29 or S30 or S31 or S32 or S33) and S34 and S35 and ((S36 or S37 or S38) same S45)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 17:08
S47	6686	((S36 or S37 or S38) same S45) and (S41 or S42 or S43 or S44)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 17:09
S48	511	((S36 or S37 or S38) same S45) same (S41 or S42 or S43 or S44)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 17:14
S49	21	(S27 or S28 or S29 or S30 or S31 or S32 or S33) and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 17:09
S50	156640	photoresist	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/23 14:46
S51	371275	resist	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/23 14:46

## EAST Search History

S52	1214176	curv\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/23 14:46
S53	242990	arcuate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/23 14:46
S55	364049	spheri\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/23 14:47
S56	270454	convex	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/23 14:47
S57	1826	(S50 or S51) near3 (S52 or S53 or S55 or S56)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/23 14:51
S58	26189	ion\$7 adj radiation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/23 14:54
S59	6	S57 same S58	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/23 14:52
S60	34558	ion\$7 near3 radiat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/23 14:54
S61	6	S57 same S60	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/23 14:55
S62	956465	radiat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/23 14:55

## EAST Search History

S63	73	S57 same S62	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/23 14:55
S64	2951185	light	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/23 15:21
S65	320	S57 same S64	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/23 15:22
S67	238	micro adj pipe\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 13:59
S69	378180	resist	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 14:06
S70	169093	photoresist\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 14:06
S71	27	S67 and (S69 or S70)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 14:06
S75	59	micro adj pipe	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 14:38
S76	146	micropipe	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 14:38
S77	297	micropipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 14:38

## EAST Search History

S78	152	micro adj pipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 14:38
S79	433	S77 or S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 14:40
S80	5550	airgap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 14:40
S81	106944	air adj gap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 14:40
S82	2230	microcavity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 14:41
S83	1022	micro adj cavity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 14:41
S84	6389	(S69 or S70) and (S77 or S78 or S80 or S81 or S82 or S83)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 17:27
S85	476	(S69 or S70) and (S82 or S83)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 14:50

## EAST Search History

S86	829	(S69 or S70) same (S77 or S78 or S80 or S81 or S82 or S83)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 18:30
S87	2351338	micro channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:09
S88	10399	micro\$1channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 18:29
S89	33023	(S69 or S70) same (S87 or S88)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 18:30
S90	165713	photoresist	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 18:31
S91	445864	MEM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 18:31
S92	12713	micro\$1electromechanical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 18:31
S93	1797	S89 and (S91 or S92)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 18:32

## EAST Search History

S94	232518	arch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 18:33
S95	69587	hemispherical\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 18:34
S96	1128211	round\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 18:34
S97	1657354	curv\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 18:34
S98	133	((S69 or S70) near5 (S94 or S95 or S96 or S97)) and (S91 or S92)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:01
S99	1000	micro adj void	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:02
S100	114837	trench	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:02
S101	87987	aspect adj ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:03

## EAST Search History

S10 2	0	(S100 same S101) and ((S69 or S70) same S99)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:04
S10 3	5	S100 and ((S69 or S70) same S99)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:05
S10 4	2511584	fill\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:05
S10 5	963	((S69 or S70) with S100 with S104) and (S77 or S78 or S80 or S81 or S82 or S83 or S87 or S88 or S99)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:20
S10 6	8749	micro adj channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:09
S10 7	54	((S69 or S70) with S100 with S104) and (S77 or S78 or S80 or S81 or S82 or S83 or S88 or S99 or S106)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:16
S10 9	93	((S69 or S70) with S100 with S104) same (S77 or S78 or S80 or S81 or S82 or S83 or S87 or S88 or S99)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:23
S11 0	11	((S69 or S70) with S100 with S104) same (S77 or S78 or S80 or S81 or S82 or S83 or S88 or S99 or S106)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:22

## EAST Search History

S11 1	1089	(S69 or S70) same (S77 or S78 or S80 or S81 or S82 or S83 or S88 or S99 or S106)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:32
S11 2	65	S100 same S111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:32
S11 3	974593	mold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:32
S11 4	2348	(S77 or S78 or S80 or S81 or S82 or S83 or S88 or S99 or S106) same S113	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:37
S11 5	1949816	fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:33
S11 6	2241310	cool\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:33
S11 7	64	S114 same S115 same S116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:34
S11 8	1251	(S69 or S70) and ((S77 or S78 or S80 or S81 or S82 or S83 or S88 or S99 or S106) same (S115 or S116))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 20:38

## EAST Search History

S11 9	121	(S69 or S70) same ((S77 or S78 or S80 or S81 or S82 or S83 or S88 or S99 or S106) same (S115 or S116))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/20 08:10
----------	-----	--	---	----	----	------------------